

NOVEL HETEROCYCLIC COMPOUND

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Abstract

NEW MATERIAL: The compound of formula I [W is (substituted)heterocyclic group containing hetero-atom of N, O and/or S at least one of which is N; R is H or 1-4C alkyl; A is ethylene or trimethylene; Y and Z is O, S, imino or methylene; Z may be methylene together with C atom bonding thereto].

EXAMPLE: 3-(2-Chloro-5-pyridylmethyl)thiazolidine-2-thione.

USE: An insecticide free from phytotoxicity against cultured plants.

PREPARATION: For example, a compound of formula I wherein Y is O, S or imino and Z is O or S can be produced by reacting a compound of formula II (Y<1> is O, S or imino) with a compound of formula III (Z<1> is O or S; T and T' are halogen, alkoxy or phenoxy).

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